Power Choke High Current  PCHC1265HP

**Features**

- Magnetically shielded construction  
- High saturation current up to 118A  
- Expanded operating temp range  
- Low DCR  
- Suitable for pick and place  
- Series is RoHS Compliant

**Electrical**

- Inductance Range: 0.15µH to 100µH  
- Tolerance: ±20% Across entire series  
- Test Frequency: 100kHz, 1V  
- Operating Temp: -40°C to +125°C  
- Irms: Current at which ΔT=40°C temp rise with out core loss  
- Isat: Current at which Inductance drop is approximately 20%. The part temperature (ambient + temp rise) should not exceed 125°C under worst case operating conditions

**Resistance to Soldering Heat**

- Pre-Heat: 150°C, 1 minute.  
- Solder Composition: Sn96.5% Ag3% Cu0.5%  
- Solder Temp: 245°C ± 5°C  
- Immersion Time: 4 sec. ± 1 sec.

**Test Equipment**

- (L): HP4284A LCR meter or equivalent  
- DCR: CH16502, Agilent 33420A Micro-Ohmmeter  
- IDC: 3260B WK & DC Bias 3265B WK

**Physical**

- Packaging: 500 pieces per 13 inch reel  
- Marking: EIA Inductance Code/ Date Code

All specifications subject to change without notice.